



Page 1

Material Safety Data Sheet

CHEMLIQUID 252 Acid Mine Drainage Treatment

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION SECTION 1

PRODUCT NAME:

(ENHANCED CAUSTIC SODA)

CHEMICAL FAMILY:

ALKALI SOLUTIONS

PRODUCT DESCRIPTION:

Proprietary liquid blend of a 25% Sodium Hydroxide solution with oxidizer and coagulant Color: Dark Sea Green, slightly viscous solution that is odorless.

CONTACT ADDRESS:

CHEMSTREAM INC.

166 Commerce Drive Stoystown, PA 15563

EMERGENCY TELEPHONE NUMBERS:

Chemtrec:

(800) 424-9300

Chemstream

(814) 629-7118

NON EMERGENCY TELEPHONE NUMBER : (8 AM - 5 PM M - F)

FOR GENERAL PRODUCT INFORMATION CALL: (814) 629-7118

COMPOSITION / INFORMATION ON INGREDIENTS **SECTION** 2

The composition of this mixture is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

This product is hazardous as defined in 29 CFR1910 . 1200, based on the following compositional information:

OSHA HAZARD

Corrosive

ACGIH TLV / OSHA PEL

Toxic

Oxidizer

COMPONENT

Sodium Hydroxide

Sodium Hydroxide

Sodium Hydroxide

Potassium Permanganate

SECTION 3 HAZARDS **IDENTIFICATION**

POTENTIAL HEALTH EFFECTS

EYE CONTACT:

Corrosive. Will cause eye burns and permanent tissue damage

SKIN CONTACT:

Corrosive. Causes permanent skin damage.

INHALATION:

Irritating to eyes and respiratory tract.

INGESTION:

Moderately toxic.

Corrosive to mouth, esophagus and stomach.

Continues on page 2

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

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REACTIVITY	0
PERSONAL PROTECTION	

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Health 2 Fire 0 Reactivity 1
Personal E Protection

Material Safety Data Sheet Sodium carbonate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Sodium carbonate

Catalog Codes: SLS3481, SLS1264, SLS4105, SLS1894,

SLS3316

CAS#: 497-19-8

RTECS: VZ4050000

TSCA: TSCA 8(b) inventory: Sodium carbonate

CI#: Not available.

Synonym: Crystal Carbonate, Disodium Carbonate, Sal

Soda, Soda Asha, Washing Soda

Chemical Name: Sodium Carbonate, Anhydrous

Chemical Formula: Na2-C-O3

Contact Information:

Sciencelab.com, Inc. 14025 Smith Rd. Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section Section	n 2: Composition and Informatio	n on Ingredients
omposition:	CAS#	% by Weight
Name		
Sodium carbonate	497-19-8	100

Toxicological Data on Ingredients: Sodium carbonate: ORAL (LD50): Acute: 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]. DUST (LC50): Acute: 2300 mg/m 2 hours [Rat]. 1200 mg/m 2 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation (lung irritant).

Potential Chronic Health Effects:

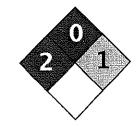
Slightly hazardous in case of skin contact (sensitizer).

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to upper respiratory tract, skin, eyes.

Repeated or prolonged exposure to the substance can produce target organs damage.





Material Safety Data Sheet Sodium carbonate MSDS

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Client: The Ohio Valley Coal Company	Contact Person:	Cody Mozena
Operation: #6 Mine	Telephone No:	
City, State, 7ip. Allendonia Ohio		Cody Mozena
IEPA Permit ID: OIL00046	e-mail:	cmozena@coalsource.com

OHEPA Permit ID: OIL00046

ODNR Permit ID: D-0360

Sampler ID:

TraDet, Inc.

8 Industrial Park Drive Wheeling, WV 26003 ph: (304) 233-9060 fx: (304) 233-9063

email: info@tra-det.com

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Required Turnaround Time D-0360

Contact Person: Cody Mozena Client: The Ohio Valley Coal Company Telephone No: 740-310-9428 Address: #6 Mine City, State, Zip Alledonia, Ohio Site ID & State OIL00046 Fax:

e-mail: cmozena@coalsource.com Sampler

TraDet Laboratories 8 Industrial Park Drive

Wheeling, WV 26003 ph: (304) 233-9060 fx: (304) 233-9063 email: info@tra-det.com

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